

## Appendix E

### Sample Hostile Environmental Plan

The purpose of this document is to formally identify equipment used in hostile environments that require alternative methods of inspection or testing, and to establish the criteria that will be used to ensure safe operation and worker safety.

In addition to this document, the requirements of Document 2.3, "LLNL Exemption Process," in the *ES&H Manual* shall be met.

Building: \_\_\_\_\_

Location: \_\_\_\_\_

List the type of crane/hoist (e.g., overhead top-running bridge and trolley; top-running bridge with underhung hoist; jib crane; monorail hoist; and overhead hoist).

\_\_\_\_\_

Manufacturer: \_\_\_\_\_

Capacity (main and auxiliary): \_\_\_\_\_ Power method: \_\_\_\_\_

1. List the crane/hoist safety requirements (see Document 15.3, "Crane, Hoist, and Rigging Safety," in the *ES&H Manual*) that will not be met.

\_\_\_\_\_

\_\_\_\_\_

2. List the difference between the requirements and those allowed by this plan.

\_\_\_\_\_

\_\_\_\_\_

3. List any justification for not meeting the requirements.

\_\_\_\_\_

\_\_\_\_\_

4. List any actions or features to compensate for the differences.

\_\_\_\_\_

\_\_\_\_\_

5. Include information regarding replacement or retirement criteria for this equipment and any special design, maintenance, or test considerations that apply to the equipment.

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**CONCURRENCE**

Facility Manager: \_\_\_\_\_

Date: \_\_\_\_\_

Responsible Individual (if applicable): \_\_\_\_\_

Date: \_\_\_\_\_

ES&H Team: \_\_\_\_\_

Date: \_\_\_\_\_

PE/MOD (if applicable) \_\_\_\_\_

Date: \_\_\_\_\_

**APPROVAL**

Authorizing Individual: \_\_\_\_\_

Date: \_\_\_\_\_